

# TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port

Site Abbreviation BHP-A-4

Deployment No. 4

Field Deployment and Recovery

Field Deployment Technician Name Scott Keller Setup Date/Time 4/23/21 13:30  
dst

**Sample Run Date** 4/24/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☐ Green power light should start to blink;
- ☐ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott Keller Recovery Date/Time 4/24/21 10:00  
dst

Q <sub>Std</sub> Avg Flow (liters/min)	<u>212</u>	Actual Start Date/Time	<u>4/24/21 0:00</u>
CV	<u>0.93</u>	Actual Stop Date/Time	<u>4/25/21 0:00</u>
Q <sub>Std</sub> Volume (m <sup>3</sup> )	<u>305.89</u>	T <sub>amb</sub> Avg (°C)	<u>11.1</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P <sub>amb</sub> Avg (mmHg)	<u>742</u>
Flags? Expected flags: Completed, Q <sub>Std</sub> <b>No unexpected flags [KMH 5/20/21]</b>			

**Sample Status:** VALID **VOID** (circle one) **VOID Reason:** \_\_\_\_\_

## Site Observations

Run Day Temperatures: High 54 Low 43 Source: Weather Channel

Run Day Precipitation: <0.5 in

Run Day Wind/Wind Direction: SSW 3

Run Day Sky Cover: cloudy

Unusual Events? (fires, major storms, construction, etc.): \_\_\_\_\_

ost

Maintenance

Check all that apply.

*All weekly checks performed by Scott Keller [KMH 6/7/21]*

## Weekly Checks:

- ☐ Power cords/plugs ok?
- ☐ Gaskets ok?
- ☐ Shelter ok?
- ☐ Tubing ok?
- ☐ Timer ok?
- ☐ Debris removed?

## Monthly Checks: (after 5<sup>th</sup> sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within  $\pm 2^{\circ}\text{C}$  of transfer standard?
- ☐ Pressure sensor within  $\pm 10 \text{ mmHg}$  of transfer standard?
- ☐ One-point flow verification within  $\pm 10\%$  of Q<sub>Std</sub> PUFPLUS ( $0.225 \frac{\text{m}^3}{\text{min}}$ )?

## Maintenance Notes:

ost

O. Saphique Thomas 6/1/2021